

CROSS POINT MEMORY ARRAY WITH FAST ACCESS TIME

ABSTRACT OF THE DISCLOSURE

Cross point array with fast access time. A cross point array is driven by drivers on a semiconductor substrate. The drivers for either a single-layer cross point array or for the bottom layer of a stacked cross point array can be positioned to improve access time. Specifically, if the x-direction drivers are positioned in the middle of the x-direction conductive array lines and the y-direction drivers are positioned in the middle of the y-direction conductive array lines, the access time will be improved.